

Converting Colors

CIELCh(91, 1.722, 228.676)

Have a look what the booklet for
CIELCh(91, 1.722, 228.676) contains.

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Color

CIELCh(91, 1.743, 236.221)

Conversions

Conversions Part 1

Format	Color
Hex	E2E6E8
RGB	226, 230, 232
RGB Percent	89%, 90%, 91%
CMY	0.1142, 0.0986, 0.0907
CMYK	0.03, 0.01, 0.00, 0.09
HSL	200°, 11%, 90%
HSV	200°, 3%, 91%
XYZ	74.1268, 78.4833, 87.4841
YIQ	229.0320, -3.0260, -0.2260

Conversions

Conversions Part 2

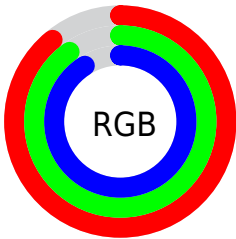
Format	Color
R _Y B	226, 228, 232
Decimal	14870248
CIE Lab	91.00, -0.97, -1.45
CIE LCh	91, 1.743, 236.221
Yxy	78.4833, 0.3087, 0.3269
Android (android.graphics.Color)	4293060328 (0xFFE2E6E8)
YUV	229.0320, 1.4632, -2.6591
Hunter-Lab	88.5908, -5.6772, 3.4642

Details

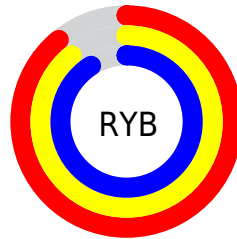
The CIELCh color **91, 1.743, 236.221** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 1.755, 55.104**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 1.577, 219.856** is the 20% darker color. If you saturate the color by 10%, you get **87, 8.312, 236.847**, and if you desaturate by 10%, it is **95, 5.047, 54.958**.

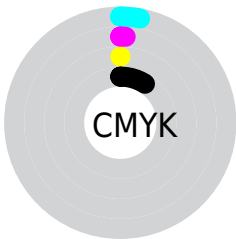
Distribution



- Red (89%)
- Green (90%)
- Blue (91%)



- Red (89%)
- Yellow (89%)
- Blue (91%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (9%)



- Cyan (11%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 1.743, 236.221 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 91, 1.743, 236.221 by changing the saturation by 10% instead.

 91, 1.743, 236.221	 91, 1.743, 236.221
 100, 1.743, 236.221	 81, 1.743, 236.221
	 71, 1.743, 236.221
	 61, 1.743, 236.221
	 51, 1.743, 236.221
	 41, 1.743, 236.221
	 31, 1.743, 236.221
	 21, 1.743, 236.221
	 11, 1.743, 236.221
	 1, 1.743, 236.221

91, 1.743, 236.221

91, 1.743, 236.221

87, 8.312, 236.847

95, 5.047, 54.958

84, 14.597,
238.007

97, 7.672, 82.412

80, 20.528,
239.484

99, 10.737,
105.524

77, 26.034,
241.339

99, 11.710,
109.292

74, 31.052,
243.654

71, 35.543,
246.519

68, 39.514,
250.014

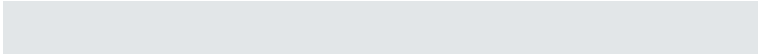
65, 43.032,
254.182

■ 63, 46.243,
258.989

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



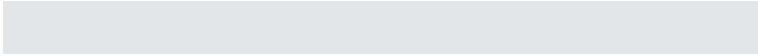
91, 1.743, 236.221



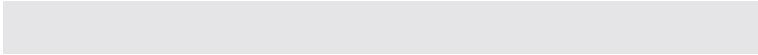
91, 1.755, 55.104

Rectangle

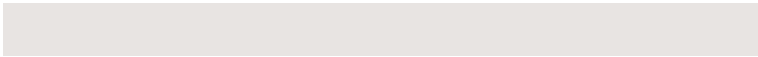
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 1.743, 236.221



91, 1.743, 286.221



91, 1.743, 56.221



91, 1.743, 106.221

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



91, 1.743, 236.142



100, 0.733, 236.496



91, 3.021, 154.917



53, 0.417, 236.533



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

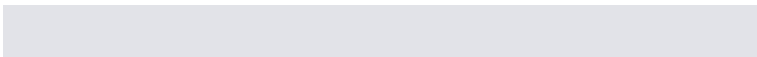
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 1.743, 236.142



99, 2.181, 236.135



90, 2.575, 281.740



48, 1.514, 236.147



48, 39.543, 261.823



12, 15.275, 252.440

Inverse Universe

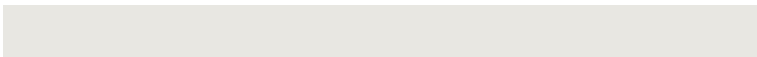
The Inverse Universe completely reimagines the original color for something new.



90, 3.006, 335.690



98, 3.765, 335.738



92, 2.547, 101.035



47, 2.619, 335.814



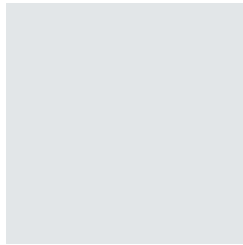
39, 69.268, 347.303



7, 29.941, 343.501

Previews

White Background



This preview shows how the CIELCh color 91, 1.743, 236.221 looks on a white background.

Color Contrast Check

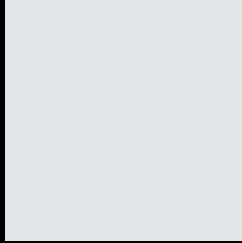
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 91, 1.743, 236.221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

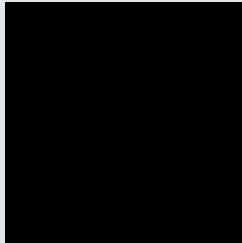
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

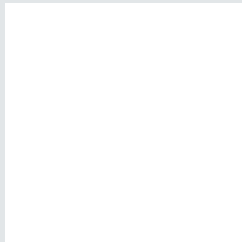
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 1.743, 236.221

Background



This preview shows how black text looks on a background with the CIELCh color 91, 1.743, 236.221.

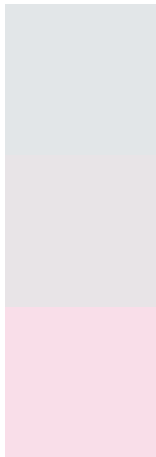


This preview shows how white text looks on a background with the CIELCh color 91, 1.743, 236.221.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

91, 1.743, 236.221

Protanopia

91, 2.129, 332.282

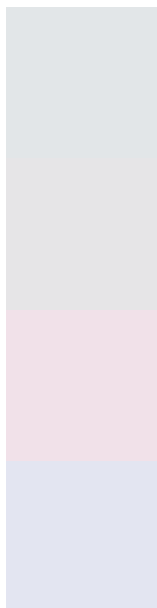
Deuteranopia

91, 11.276, 349.913



Tritanopia
91, 9.341, 290.932

Trichromacy



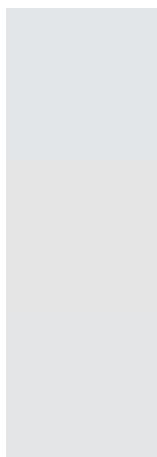
Original Color
91, 1.743, 236.221

Protanomaly
91, 1.110, 308.988

Deuteranomaly
91, 7.095, 344.137

Tritanomaly
91, 6.253, 284.304

Monochromacy



Original Color
91, 1.743, 236.221

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 0.632, 256.169

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 1.743, 236.221 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(226, 230, 232)` looks like.

```
.text, #text, p{  
    color:rgb(226, 230, 232)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(226, 230, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 230, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 1.743, 236.221 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 230, 232) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(226, 230, 232) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(226, 230, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 230, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 230, 232);  
box-shadow:4px 4px 4px 4px rgb(226, 230,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 1.743, 236.221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 230, 232) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(226,  
230, 232) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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